

IN THE CLAIMS

1 (Currently Amended). A method comprising:
accessing a configuration space on a platform integrated component;
detecting an add-in card for a platform, said add-in card intended to operate with
said integrated component to implement wake packet filtering;
comparing an identifier for said add-in card with an identifier for said integrated
component; and
if said identifiers match, writing information into the configuration spaces of the
integrated component and add-in card.
~~providing an add-in card without a medium access control to implement wireless~~
~~communications; and~~
~~enabling said add-in card to provide wake packet filtering.~~

2 (Currently Amended). The method of claim 1 further including enabling the [[an]]
add-in card to filter incoming wake packets, to determine whether it is necessary to awake a host
platform and to provide an appropriate signal to wake the host platform.

3 (Currently Amended). The method of claim 1 further including coupling the [[an]]
add-in card to a said platform.

4 (Currently Amended). The method of claim 3 further including enabling the
platform to implement wireless medium access control.

Claim 5 (Canceled).

6 (Currently Amended). The method of claim 3 further including providing a physical
layer for wireless communications in said add-in card.

Claims 7-11 (Canceled).

12 (Currently Amended). A processor-based system comprising:

- a processor;
- a medium access control to enable wireless communications, said medium access control not including a wake packet filtering function; and
- ~~an add-in card coupled to said system, said add-in card including a physical layer to provide wireless communications, said add-in card also including a wake packet filtering function.~~

a mating manager to access a configuration space associated with an integrated component, detect an add-in card external to said system, said add-in card intended to operate with an integrated medium access control to provide wake packet filtering, compare an identifier for said add-in card with an identifier for said medium access control, and if said identifiers match, write information into the configuration spaces of the integrated component and add-in card.

Claims 13-16 (Canceled).

17 (Currently Amended). An article comprising a medium storing instructions that enable a processor-based system to:

- access a configuration space on a platform integrated component;
- detect an add-in card for a platform, said add-in card intended to operate with said integrated component to provide wake packet filtering;
- compare an identifier for said add-in card with an identifier for said integrated component; and
- if said identifiers match, write information into the configuration spaces of the integrated component and add-in card.

~~receive a wireless communication packet;~~

~~filter said packet to determine whether or not it is necessary to wake a platform coupled to said system; and~~

~~if said packet is one which necessitates waking the platform, provide a signal from said system to said platform to wake said platform.~~

18 (Original). The article of claim 17 further storing instructions that enable the processor-based system to provide a physical layer for wireless communications.

19 (Original). The article of claim 17 further storing instructions that enable said system to avoid unnecessarily awakening a platform coupled to said system so as to reduce power consumption of said platform.

20 (Original). The article of claim 17 further storing instructions to implement wake packet filtering in a system not having a medium access control.

Claims 21-23 (Canceled).

24 (New). The system of claim 12 including an add-in card coupled to said system, said add-in card including a physical layer to provide wireless communications, said add-in card also including a wake packet filtering function.